

Message Text

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FM SECSTATE WASHDC

TO AMEMBASSY WARSAW

INFO AMCONSUL FRANKFURT

C O N F I D E N T I A L STATE 043393

E.O. 11652: GDS

TAGS: ASEC

SUBJECT:TEMPEST HAZARD

WARSAW FOR RSO, FRANKFURT FOR RTC

REF: WARSAW 06450 (1974)

1. ALL ELECTRIC TYPEWRITERS EXCEPT ONE PRESENT DEFINITE TEMPEST HAZARDS. HAZARDS COME FROM BOTH FREE SPACE ELECTRO-MAGNETIC RADIATION AND POWER LINE CONDUCTED SIGNALS. OF THE TWO HAZARDS, THE POWER LINE EMANATIONS ARE THE MOST SERIOUS.

2. ONLY TYPEWRITER APPROVED FROM A TEMPEST STANDPOINT IS THE IBM SELECTRIC WITH THE INERTIAL MOTOR MODIFICATION. MACHINES WITH THIS MODIFICATION FACTORY INSTALLED HAVE MODEL NUMBERS 875 AND 895. MOTOR MODIFICATION CAN BE RETROFITTED INTO SELECTRICS WITH FIFTEEN INCH CARRIAGE.

3. HAZARDS CAN BE LESSENNED SOMEWHAT BY PRACTICAL MEANS. LOCATE ELECTRIC TYPEWRITERS AS FAR AS POSSIBLE FROM WALLS, ESPECIALLY COMMON WALLS TO LESSEN FREE SPACE PICKUP.

4. WHEN CLASSIFIED BEING TYPED ON ELECTRIC TYPEWRITER, POWER
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LINE EMANATIONS CAN BE MASKED BY OPERATING OTHER ELECTRIC

TYPEWRITERS AT THE SAME TIME ON SAME POWER CIRCUIT.

5. SAFEST METHODS OF TYPING CLASSIFIED, OF COURSE, IS TO
USE MANUAL TYPEWRITERS. KISSINGER

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